FALLOUT MESSAGE

For use of this form, see FM 3-09.15; the proponent agency is TRADOC.

IDENTIFICATION	OCTANT	LOCATION	DATE	TIME (GMT)	DURATION (HOURS)	STATION WEIGHT (10s M)
METFM	Q	$L_aL_aL_a$ or xxx $L_oL_oL_o$ or xxx	YY	GGG	G	hhh
METFM						

ZONE HEIGHT (METERS)	LINE NUMBER ZZ	TRUE WIND DIRECTION (10s MILS) ddd	TRUE WIND SPEED (KNOTS) FFF	ZONE HEIGHT (METERS)	LINE NUMBER ZZ	TRUE WIND DIRECTION (10s MILS) ddd	TRUE WIND SPEED (KNOTS) FFF
SURFACE	00			16000	08		
2000	01			18000	09		
4000	02			20000	10		
6000	03			22000	11		
8000	04			24000	12		
10000	05			26000	13		
12000	06			28000	14		
14000	07			30000	15		

REMARKS

RECEIVED FROM:
DELIVERED TO:

DATE AND TIME (GMT)

RECORDER

CHECKER

DA FORM 3676-R, MAY 1992 PREVIOUS EDITIONS ARE OBSOLETE. APD LC v1.01

THE FALLOUT MESSAGE IS ENCODED AS FOLLOWS

1. The fallout MET message is arranged in groups to be conveniently transmitted by radio or teletypewriter.

2. Information data:
   - The first five letters denote that the message is a fallout message and the digit denotes the Q code of the global octant of the MET station.
   - The next group of six digits denotes the location of the MET station in degrees and tenths of a degree. When a Q code of 9 is used, the six digits denote the clear or coded location of the MET station.
   - The third group of digits denotes the day of the month, time of commencement of validity in hours and tenths of an hour (Greenwich Mean Time), and duration of validity in hours from 1 to 8; code figure 9 indicates 12 hours.
   - The three digits of the fourth denote the height of the MET station (MET datum plane) above sea level in multiples of 10
   - All succeeding groups of eight-digit groups are true zone wind data.

3. The following specimen message was transmitted by radio:

METFM1 623465 290200 025
00026015 01030021
02046023

EXPLANATION:

Group 1 Fallout message. Met Station located in global octant 1 (N latitude, 90^{o} -180^{o} W longitude).

Group 2 Center of the area of applicability of the message (station location) 62°18'N, 146°30'W.

Group 3 29th day of the month. Valid time commences at 0200 hours GMT. Period of validity is not predicted by US units.

Group 4 Met station is 250 meters above mean sea level.

Group 5 For line 00 (surface), the true wind direction is 0260 mils and wind speed is 15 knots.

Group 6 For line 01 (0-2000 meters), the true wind direction is 0300 mils and the wind speed is 21 knots.

Group 7 For line 02 (2000-4000 meters), the true wind direction is 0460 mils and the wind speed is 23 knots.

Q CODE FOR OCTANT OF GLOBE

0 – North latitude 0 –90 west longitude
1 – North latitude 90 –180 west longitude
2 – North latitude 180 – 90 east longitude
3 – North latitude 90 –0 east longitude
4 – Not used
5 – South latitude 0 – 90 west longitude
6 – South latitude 90 – 180 west longitude
7 – South latitude 180 – 90 east longitude
8 – South latitude 90 – 0 east longitude
9 – Used when the location of the meteorological station is not indicated by latitude and longitude.